N

Old National Pike is considered to run in an East/West direction.

PROPOSED SIGNS

8 — ONLY — R 3-5(L) 30" x 36"

9 — ONLY — R 3-5(R) 30" x 36"

11, 12 — NEW — Temporary Sign W 3-3 48" x 48"

7a — ← Boyers Mill Rd

7b — Boyers Mill Rd →

D-3(1) 16" x Var. (Dual-faced)

10 — Old National Pike

D-3(1) 16" x Var.

EXISTING SIGNS TO BE REMOVED

13 — STOP — R 1-1

14 — W 1-7

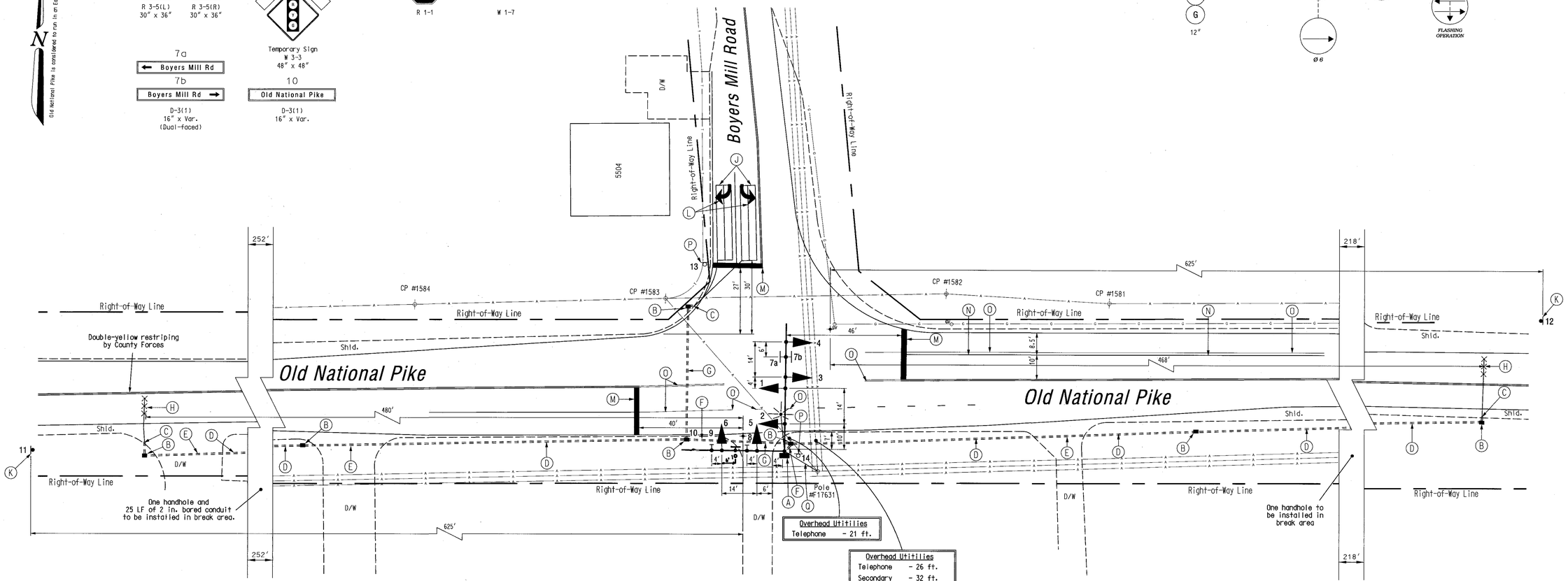
PROPOSED SIGNALS

1-6 — R, Y, G — 12"

PROPOSED NEMA PHASING

Ø2, Ø4, Ø6

FLASHING OPERATION



CONSTRUCTION DETAILS

A. Install 27 ft. steel twin mast arm pole with a 50 ft. and 40 ft. (cut from a 50 ft.) mast arms, pole mounted NEMA 5 cabinet/controller, vehicle signal heads, signs, 15 ft. luminaire arm, 250 watt HPS luminaire and necessary equipment for overhead electrical (MD-SHA Type P-7) service (Note: one 4 in. PVC conduit bend).
B. Install handhole.
C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
E. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
F. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
H. Install mirco-loop probe (set of 3).
J. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
K. Install ground mounted sign as shown.
L. Install preformed pavement marking symbol as shown (after installation of loop detectors).
M. Install 24 in. wide pavement marking - white for stop line.
N. Install 5 in. wide pavement marking - white for lane line.
O. Remove existing pavement marking by grinding.
P. Remove existing sign.
Q. Proposed overhead electrical service by Allegheny Power.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
D — D — STORM DRAIN
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

The Traffic Group

The Traffic Group, Inc.
410-931-6600
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REVISIONS

APPROVALS

Amy K. Beall 4-15-02
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 4/15/02

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 4/15/02

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(Traffic Signal Plan)

Old National Pike at Boyers Mill Road

DRAWN BY: F. Brownley	F.A.P. NO. N/A		TS NO. 4170	SHEET NO. 1 OF 2
CHECKED BY:	S.H.A. NO. BW433M83			
SCALE: 1" = 20'	COUNTY: Frederick		T.I.M.S. NO. F086	
DATE: April 3, 2002	LOG MILE: 10014400.00			

I:\1998\1998-1203\1203 Traffic Signal\Dan\Mapplan.dgn 04/03/2002